4/6/84
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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended March 30, 1984 NO. 13

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 03/30/84	Last Week Ending: 03/23/84	Last Year Week Ending: 04/01/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,222	11,939	11,514	283	708
Operable capacity	16,309	16,309	16,854	0	-545
Percent operated	74.9	73.2	68.3		
Motor Gasoline					
Total motor gasoline production	6,362	6,454	6,320	-92	42
Finished leaded motor gasoline production	2,616	2,637	2,923	-21	-307
Finished unleaded motor gasoline production	3,746	3,817	3,397	-71	349
Total motor gasoline stocks	245,051	237,826	233,798	7,225	11,253
Finished leaded motor gasoline stocks	101,303	98,049	93,264	3,254	8,039
Finished unleaded motor gasoline stocks	101,880	97,804	95,261	4,076	6,619
Distillate Fuel Oil					
Distillate fuel oil production	2,360	2,394	2,119	-34	241
Distillate fuel oil stocks	111,445	114,809	127,106	-3,364	-15,661
Residual Fuel Oil					
Residual fuel oil production	815	884	899	-69	-84
Residual fuel oil stocks	48,452	48,799	47,466	-347	986
Imports					
Crude oil imports	3,181	3,408	2,343	-227	838
Product imports	1,795	1,821	969	-26	826
Crude Oil Stocks					
Crude oil stocks	331,316	326,030	344,105	5,286	-12,789

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,051*	954*	975*	1,229	79.3*
Appal. No. 1	87	86	86	177	48.6
DISTRICT 1 TOTAL	1,138*	1,040*	1,061*	1,406	75.5*
Appal. No. 2	61	58	61	66	92.4
Ind., Ill., Ky.	1,891	1,789	1,808	2,345	77.1
Minn., Wis., Daks.	306	284	305	296	103.0
Okla., Kans., Mo.	710	693	710	827	85.9
DISTRICT 2 TOTAL	2,968	2,824	2,884	3,534	81.6
Inland Texas	545	527	540	585	92.3
Texas Gulf Coast	3,269	2,823	2,940	3,907	75.2
La. Gulf Coast	2,076	1,899	1,906	2,890	66.0
N. La. and Ark.	201	191	192	286	67.1
New Mexico	88	88	88	105	83.8
DISTRICT 3 TOTAL	6,179	5,528	5,666	7,773	72.9
DISTRICT 4 TOTAL	413	413	417	536	77.8
DISTRICT 5 TOTAL	2,236*	2,191*	2,194*	3,060	71.7
TOTAL U.S.	12,934	11,996	12,222	16,309	74.9
TOTAL U.S.					
Weeks Ended:					
MAR. 23, 1984	12,613*	11,721*	11,939*	16,309	73.2*
APR. 1, 1983	12,717	11,170	11,514	16,854	68.3
DISTRICTS 1-4					
Weeks Ended:					
MAR. 30, 1984	10,698	9,805	10,028	13,249	75.7
MAR. 23, 1984	10,463*	9,634*	9,842*	13,249	74.3*
APR. 1, 1983	10,630	9,287	9,597	13,771	69.7

*See revisions on page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended March 30, 1984

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,724	2,896	2,827	1	125	649	3,721	1,485	--
Central Atlantic	34,971	15,428	15,122	4,421	494	4,005	20,555*	18,414*	13,977
Lower Atlantic	25,896	13,348	12,225	323	377	4,292	12,857	4,348	571
DISTRICT 1 TOTAL	66,591	31,672	30,174	4,745	996	8,946	37,133*	24,247*	14,548
DISTRICT 2 TOTAL	71,419	31,823	30,791	8,805	1,430	8,148	34,149	3,726	18,572
DISTRICT 3 TOTAL	70,992*	25,171*	27,649*	18,172	2,228	10,393*	25,791*	11,041	50,956
DISTRICT 4 TOTAL	9,095	4,244	2,340	2,511	348	739	3,256	507	2,674
DISTRICT 5 TOTAL	26,954	8,393	10,926	7,635	1,745	5,957	11,116*	8,931*	27,096
TOTAL U.S.	245,051	101,303	101,880	41,868	6,747	34,183	111,445	48,452	113,846
TOTAL U.S.									
Weeks Ended:									
MAR. 23, 1984	237,826*	98,049*	97,804*	41,973	6,686	33,950*	114,809*	48,799*	111,629
APR. 1, 1983	233,798	93,264	95,261	45,273	7,868	36,368	127,106	47,466	108,132
DISTRICTS 1-4									
Weeks Ended:									
MAR. 30, 1984	218,097	92,910	90,954	34,233	5,002	28,226	100,329	39,521	86,750
MAR. 23, 1984	211,507*	89,337*	87,583*	34,587	5,100	28,265*	104,105*	39,693*	85,013
APR. 1, 1983	205,523	84,236	85,028	36,259	5,638	30,718	115,344	37,525	81,167

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

*See revisions on page 7.

WEEKLY STATISTICAL BULLETIN
Week Ended March 30, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy Nov. 1983	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
MAR. 30, 1984	5,813.3	5,903.0	3,034	358	252,177
MAR. 23, 1984	5,813.3	--	3,118	356	249,539*
MAR. 16, 1984	5,813.3	--	3,090	221	248,899
MAR. 9, 1984	5,813.3	--	3,604	373	250,309
DISTRICT 5 TOTAL					
MAR. 30, 1984	2,849.3	2,834.0	147	22	79,139 ‡
MAR. 23, 1984	2,849.3	--	290	23	76,491*
MAR. 16, 1984	2,849.3	--	102	27	80,496
MAR. 9, 1984	2,849.3	--	153	20	80,099
TOTAL U.S.					
MAR. 30, 1984	8,662.6	8,737.0	3,181	380	331,316 ‡
MAR. 23, 1984	8,662.6	--	3,408	379	326,030*
MAR. 16, 1984	8,662.6	--	3,192	248	329,395
MAR. 9, 1984	8,662.6	--	3,757	393	330,408
APR. 1, 1983	8,665.0 /A	--	2,343	220	344,105

‡INCLUDES 25,240 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER. *

/A DOE actual for March 1983.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
MAR. 30, 1984	14,952	76,084	146,746	14,395	252,177	79,139 ‡	331,316 ‡
MAR. 23, 1984	15,770*	74,249	145,889*	13,631	249,539*	76,491*	326,030*
APR. 1, 1983	14,543	81,192	154,722	15,730	266,187	77,918	344,105

[1]See definitional notes, Page 6.

*See revisions on page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended March 30, 1984

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	69	--	69	--	--	--	--	9	--	--	78
Central Atlantic	244	89	155	-	28	105	462	4	185	--	1,028
Lower Atlantic	--	--	--	--	--	--	169	9	--	--	178
DISTRICT 1 TOTAL											
MAR. 30, 1984	313	89	224	--	28	105	631	22	185	--	1,284
MAR. 23, 1984	287	125	162	--	40	122	516	13	181	150	1,309
MAR. 16, 1984	111	15	96	--	50	134	504	9	232	111	1,151
MAR. 9, 1984	180	48	132	--	39	139	445	21	98	187	1,109
DISTRICTS 2-4 TOTAL											
MAR. 30, 1984	16	16	--	--	--	10	53	246	82	--	407
MAR. 23, 1984	17	16	1	--	--	10	50	199	34	68	378
MAR. 16, 1984	8	2	6	--	--	6	76	115	28	b	241
MAR. 9, 1984	8	2	6	--	--	12	44	109	96	159	428
DISTRICT 5 TOTAL											
MAR. 30, 1984	46	29	17	--	2	3	18	14	--	21	104
MAR. 23, 1984	30	12	18	--	2	3	16	17	--	66	134
MAR. 16, 1984	14	4	10	--	3	3	10	5	--	7	42
MAR. 9, 1984	14	4	10	--	3	3	20	5	--	7	52
TOTAL U.S.	375	134	241	--	30	118	702	282	267	21	1,795
TOTAL U.S. Weeks Ended:											
MAR. 23, 1984	334	153	181	--	42	135	582	229	215	284	1,821
MAR. 16, 1984	133	21	112	--	53	143	590	129	260	126	1,434
MAR. 9, 1984	202	54	148	--	42	154	509	135	194	353	1,589
APR. 1, 1983	164	77	87	--	--	7	662	78	55	3	969

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of compo nts which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

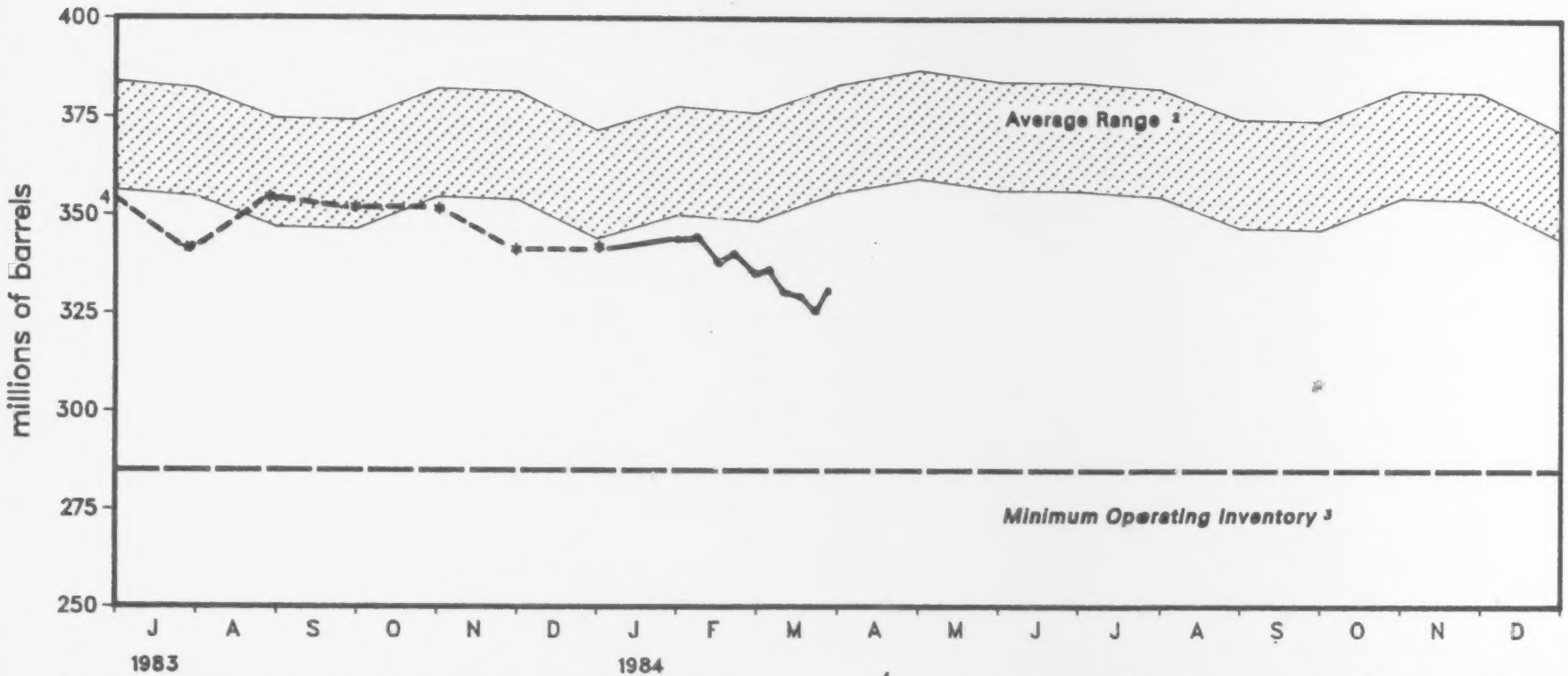
03/23/84	PAGE 1	TOTAL REFINERY INPUT	EAST COAST	1,072
			DISTRICT 1 TOTAL	1,161
			DISTRICT 5 TOTAL	2,150
			TOTAL U.S.	12,613
			DISTRICTS 1-4	10,463
		CRUDE OIL RUNS	EAST COAST	922
			DISTRICT 1 TOTAL	1,008
			DISTRICT 5 TOTAL	2,087
			TOTAL U.S.	11,721
			DISTRICTS 1-4	9,634
		INPUT TO CRUDE OIL	EAST COAST	974
			DISTRICT 1 TOTAL	1,060
			DISTRICT 5 TOTAL	2,097
			TOTAL U.S.	11,939
			DISTRICTS 1-4	9,842
		% OPERABLE	EAST COAST	79.3
			DISTRICT 1 TOTAL	75.4
			TOTAL U.S.	73.2
			DISTRICTS 1-4	74.3
	PAGE 2	DISTILLATE FUEL	EAST COAST	245
			DISTRICT 1 TOTAL	267
			TOTAL U.S.	2,394
			DISTRICTS 1-4	2,024
		RESIDUAL FUEL	EAST COAST	80
			DISTRICT 1 TOTAL	85
			DISTRICT 5 TOTAL	375
			TOTAL U.S.	884
			DISTRICTS 1-4	509
	PAGE 3	TOTAL MGAS	DISTRICT 3 TOTAL	68,344
			TOTAL U.S.	237,826
			DISTRICTS 1-4	211,507
		LEADED MGAS	DISTRICT 3 TOTAL	24,252
			TOTAL U.S.	98,049
			DISTRICTS 1-4	89,337
		UNLEADED MGAS	DISTRICT 3 TOTAL	25,260
			TOTAL U.S.	97,804
			DISTRICTS 1-4	87,583
		KEROSINE JET	DISTRICT 3 TOTAL	10,525
			TOTAL U.S.	33,950
			DISTRICTS 1-4	28,265
		DISTILLATE FUEL	CENTRAL ATLANTIC	23,981
			DISTRICT 1 TOTAL	41,596
			DISTRICT 3 TOTAL	24,873
			DISTRICT 5 TOTAL	10,704
			TOTAL U.S.	114,809

API STATISTICAL BULLETIN
WEEK ENDED: MAR. 30, 1984

REVISIONS

		DISTRICTS 1-4	104,105
	RESIDUAL FUEL	CENTRAL ATLANTIC	19,372
		DISTRICT 1 TOTAL	25,294
		DISTRICT 5 TOTAL	9,106
		TOTAL U.S.	48,799
		DISTRICTS 1-4	39,693
PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	249,539
		DISTRICT 5 TOTAL	76,491
		TOTAL U.S.	326,030
	ALASKAN CRUDE OIL	DISTRICT 5 TOTAL	23,263
PAGE 4 B	TOTAL	PAD DISTRICT 1	15,770
		PAD DISTRICT 3	145,889
		TOTAL PAD DISTRICTS 1-4	249,539
		PAD DISTRICT 5	76,491
		TOTAL U.S.	326,030

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

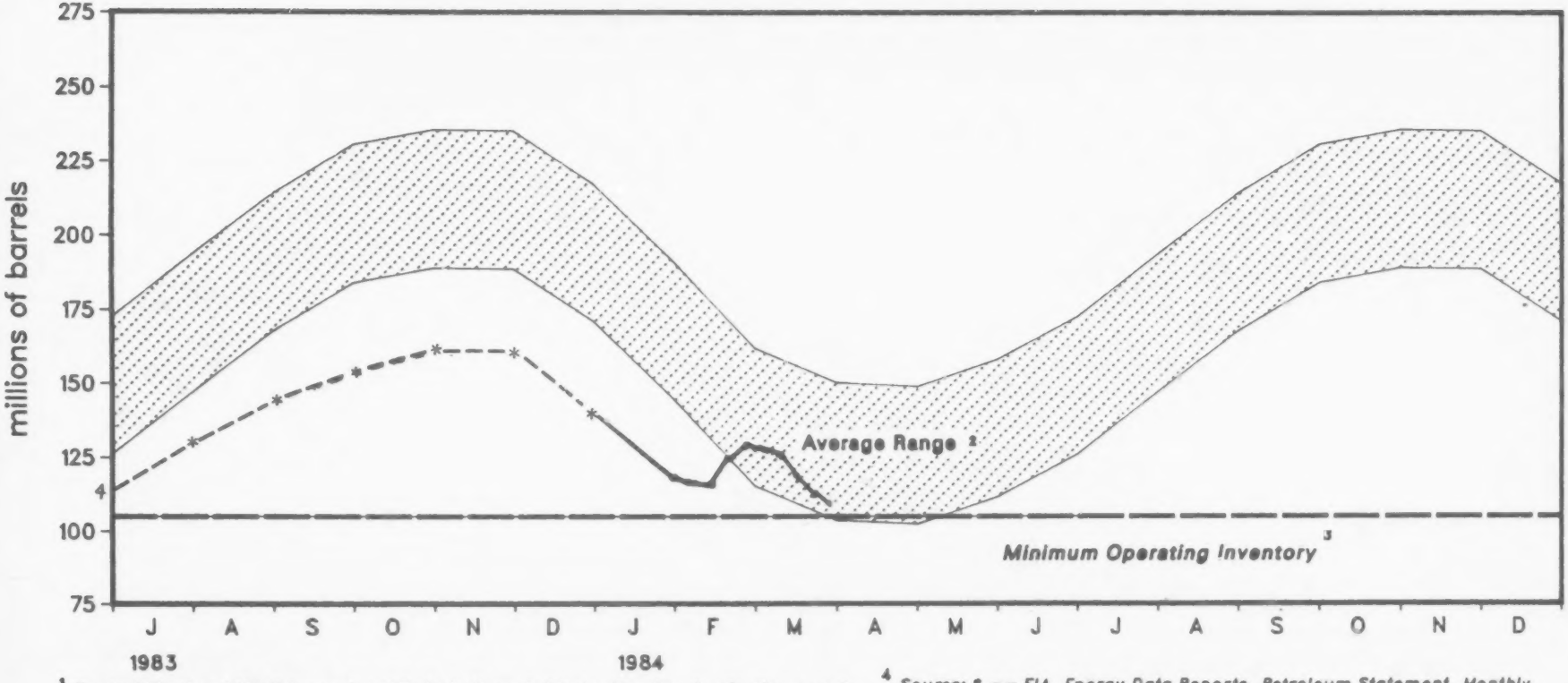
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
** -- API, Weekly Statistical Bulletin.*

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

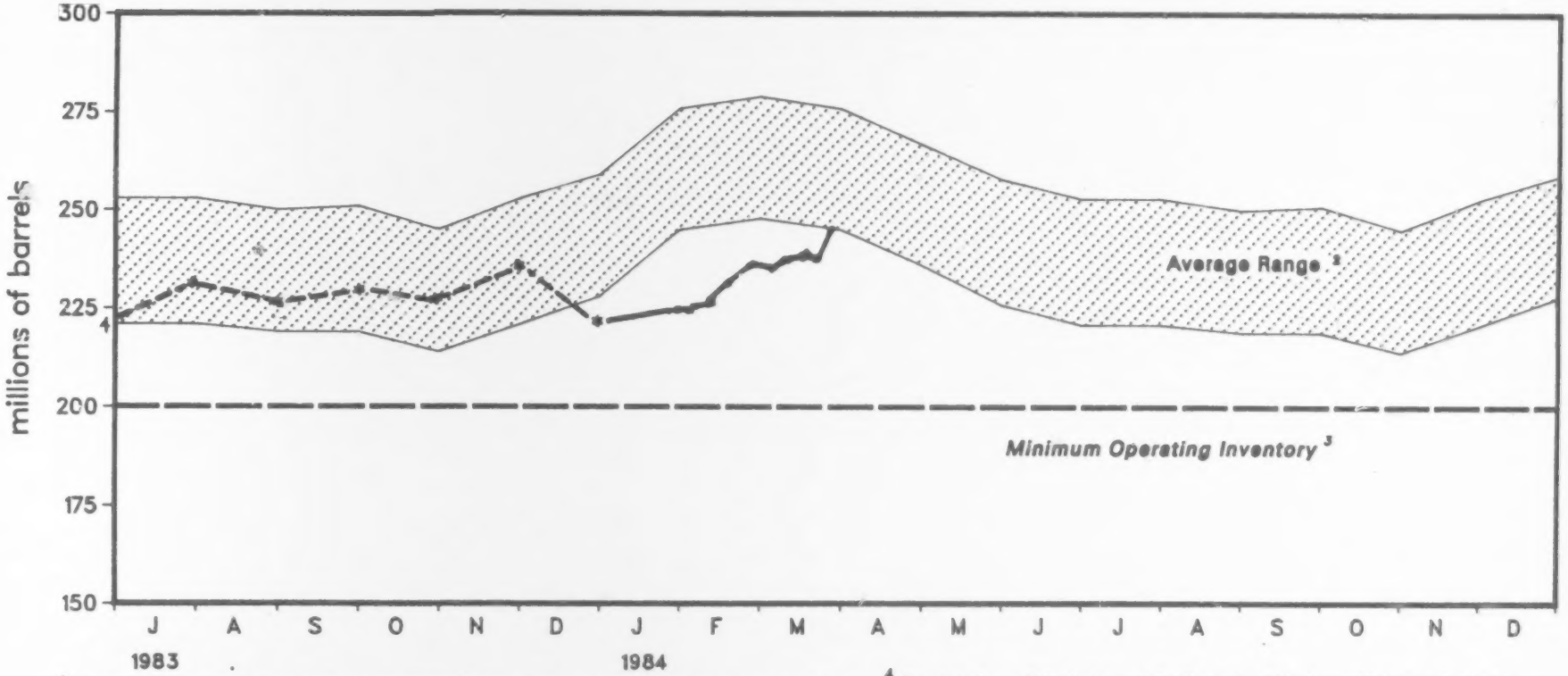
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
** -- API, Weekly Statistical Bulletin.*

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: • –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• –– API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*